

IAP15 Rec'd PCT/PCTO 24 AUG 2006

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|--|---|---|--------------------------------------|
| FORM PTO-1390<br>MODIFIED  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |   | ATTORNEY'S DOCKET NUMBER<br>4662-274 |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |   | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br><b>10/590,453</b><br><small>Unknown</small> |                                      |
| INTERNATIONAL APPLICATION NO.<br>PCT/EP2005/002103   | INTERNATIONAL FILING DATE<br>24 February 2005           | PRIORITY DATE CLAIMED<br>27 February 2004   |                                      |
| TITLE OF INVENTION<br><b>ENZYMATIC PREPARATION OF AN ENANTIOMERICALLY ENRICHED BETA-2-AMINO ACIDS</b>  |   |   |                                      |
| APPLICANT(S) FOR DO/EO/US<br><b>KAPTEIN et al</b>  |   |   |                                      |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |   |                                      |
| <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The U.S. has been elected (Article 31).</p> <p>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (20 pages specification, claims &amp; abstract (13 claims),              sheets drawings).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (        pages specification, claims &amp; abstract (        claims),              sheets drawings,        page Certificate of Translation).</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).           <ul style="list-style-type: none"> <li>b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (        page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).</li> </ul> </p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> |   |   |                                      |
| <p><b>Items 11 To 20 below concern document(s) or information included:</b></p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. a. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>      b. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information. Front page of published WO 2005/085462</p>   |   |   |                                      |

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| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br><b>10/500453</b>  |               | INTERNATIONAL APPLICATION NO.<br>PCT/EP2005/002103                            |                 | ATTORNEY'S DOCKET NUMBER<br>4662-274 |    |
| <input checked="" type="checkbox"/> The following fees are submitted:   |               |   |                 |                                      |    |
| <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>   |               |   |                 |                                      |    |
| 21. <input checked="" type="checkbox"/> Basic national fee ..... \$300.00 (1631)/\$150.00 (2631)  |               |   |                 |                                      |    |
| 22. <input checked="" type="checkbox"/> Examination Fee ..... \$0 (1643/2643) \$200.00 (1633)/\$100.00 (2633)   |               |   |                 |                                      |    |
| 23. <input checked="" type="checkbox"/> Search Fee ..... \$0 (1640/2640) \$100 (1641)/\$50 (2641)   |               |   |                 |                                      |    |
| ..... \$400 (1642)/\$200 (2642) \$500.00 (1632)/\$250.00 (2632)   |               |   |                 |                                      |    |
| <b>TOTAL OF ABOVE CALCULATIONS</b>  |               |   |                 |                                      |    |
| \$ 900.00   |               |   |                 |                                      |    |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |               |   |                 |                                      |    |
| Total Sheets  | Extra Sheets  | Number of each additional 50 or fraction thereof (round up to a whole number) |                 | RATE                                 |    |
| 0 -100  | 0 /50 =       | 0.00  |                 | \$0.00 (1681)                        |    |
| \$0.00 (2681)   |               |   |                 |                                      |    |
| Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).   |               |   |                 |                                      |    |
| \$ 130.00   |               |   |                 |                                      |    |
| CLAIMS  | NUMBER FILED  | # EXTRA   | RATE            |                                      |    |
| Total Claims  | 13 minus 20 = | 0 X   | \$50.00 (1615)/ | \$25.00 (2615)                       | \$ |
| Independent Claims  | 2 minus 3 =   | 0 X   | \$200.00 (1614) | \$100.00 (2614)                      | \$ |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable)  |               |   |                 |                                      |    |
| \$360.00 (1616)/\$180.00 (2616)   |               |   |                 |                                      |    |
| \$ 0.00   |               |   |                 |                                      |    |
| Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253/\$510.00 (2253); Four Month Extensions \$1590.00 (1254/\$795.00 (2254)) |               |   |                 |                                      |    |
| \$ 0.00   |               |   |                 |                                      |    |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.   |               |   |                 |                                      |    |
| Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)). + 0.00  |               |   |                 |                                      |    |
| <b>TOTAL NATIONAL FEE =</b>   |               |   |                 |                                      |    |
| \$ 1030.00  |               |   |                 |                                      |    |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property + \$ 0.00   |               |   |                 |                                      |    |
| Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453) + \$ 0.00  |               |   |                 |                                      |    |
| <b>TOTAL FEES ENCLOSED =</b>  |               |   |                 |                                      |    |
| \$ 1030.00  |               |   |                 |                                      |    |
|   |               |   |                 |                                      |    |
| Amount to be:<br>refunded: \$   |               |   |                 |                                      |    |
|   |               |   |                 |                                      |    |
| Amount to be:<br>Charged: \$  |               |   |                 |                                      |    |
|   |               |   |                 |                                      |    |

- a.  A check in the amount of \$1030.00 to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. 14-1140 in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this form is enclosed.

- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.
- d.  **CREDIT CARD PAYMENT FORM ATTACHED.**
- e.  The entire content of International Application No. PCT/EP2005/002103 and any U.S. and foreign application(s) corresponding thereto, and EP 04075597.7, referred to in this application is/are hereby incorporated by reference in this application.
- NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.**

**CORRESPONDENCE ADDRESS**

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BHD:lmv

*for Bryan H. Davidson Reg No 33363*

**Bryan H. Davidson**

NAME

**30,251****August 24, 2006**

REGISTRATION NUMBER

Date